Mathematical Biosciences

Mathematical Biosciences is abstracted or indexed in Applied Mechanics Review, Biological Abstracts, CABS/Current Awareness in Biological Sciences, Chemical Abstracts, Current Contents, Engineering Index, Excerpta Medica, INSPEC, International Abstracts of Biological Sciences, Mathematical Reviews, and Medicus/MEDLINE.

Volume 171

R. Díaz-Sierra and V. Fairén, Simplified method for the computation of parameters of power-law rate equations from time-series	1
J.M. Nichols and J.D. Nichols, Attractor reconstruction for non-linear systems: a methodological note	21
G.S. Zaric and M.L. Brandeau, Resource allocation for epidemic control over short time horizons	33
Y. Xiao and L. Chen, Modeling and analysis of a predator-prey model with disease in the prey	59
MH. Wang and M. Kot, Speeds of invasion in a model with strong or weak Allee effects	83
C.D. Bajdik, J.M. Raboud, M.T. Schechter, B.C. McGillivray and R.P. Gallagher, A computer model to simulate family history of breast/ovarian cancer in BRCA1 mutation carriers	99
R. Bartoszyński, L. Edler, L. Hanin, A. Kopp-Schneider, L. Pavlova, A. Tsodikov, A. Zorin and A.Yu. Yakovlev, Modeling cancer detection: tumor size as a source of information on unobservable stages of carcinogenesis	113
F. Brauer and P. van den Driessche, Models for transmission of disease with immigration of infectives	143
S.K. Plevritis, A mathematical algorithm that computes breast cancer sizes and doubling times detected by screening	155

Volume Contents

Guide for Authors